Marijuana, Alcohol and Opioid Calls

Call Volume over Time Call Volume by Patient Gender and Age Characteristics of Patient Exposures **Patient Symptoms** 

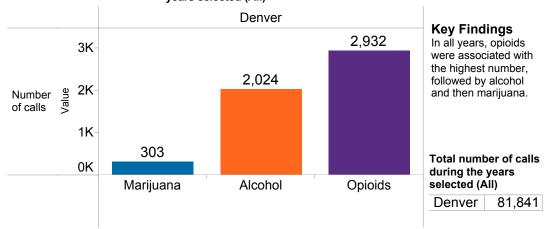
Choose year(s) of call:

ΑII

Choose counts or rates:

Number of calls

# Number of calls related to alcohol, marijuana, and opioids by county during the years selected (All)



Year(s) selected: All County(s) selected: Denver Type of metric: Number of calls Source: Rocky Mountain Poison Center









Last updated April 2018. Contact DenverPublicHealth@dhha.org with any questions.

Marijuana, Alcohol and Opioid Calls

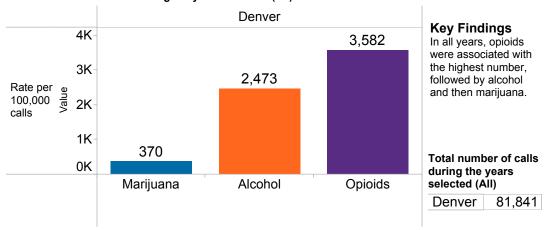
Call Volume over Time Call Volume by Patient Gender and Age Characteristics of Patient Exposures **Patient Symptoms** 

Choose year(s) of call:

Choose counts or rates:

Rate per 100,000 calls

# Rate per 100,000 calls related to alcohol, marijuana, and opioids by county during the years selected (All)



**Year(s) selected**: All **County(s) selected**: Denver **Type of metric**: Rate per 100,000 calls **Source**: Rocky Mountain Poison Center









Last updated April 2018. Contact DenverPublicHealth@dhha.org with any questions.

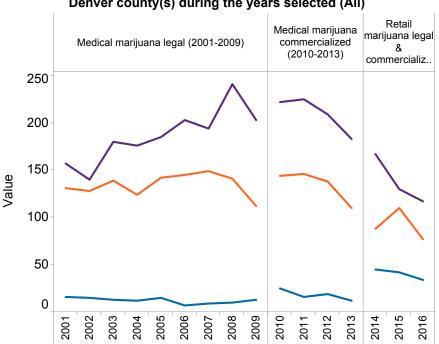
Call Volume over Time Call Volume by Patient Gender and Age Characteristics of Patient Exposures **Patient Symptoms** 

Choose year(s) of call:

Choose counts or rates:

Number of calls

Number of calls related to alcohol, marijuana, and opioids from Denver county(s) during the years selected (All)



Alcohol
Marijuana

Measure Names
Opioids

# **Key findings**

In all years, opioids accounted for the highest number of calls, followed by alcohol and then marijuana. The number of opioid and alcohol calls has decreased since 2012. The number of marijuana calls increased after each change in legal access to marijuana.

Reminder: To protect patient privacy, data for four or fewer calls are not shown.

County(s) selected: Denver Years selected: All Type of metric: Number of calls Source: Rocky Mountain Poison Center









Call Volume over Time

Call Volume by Patient Gender and Age

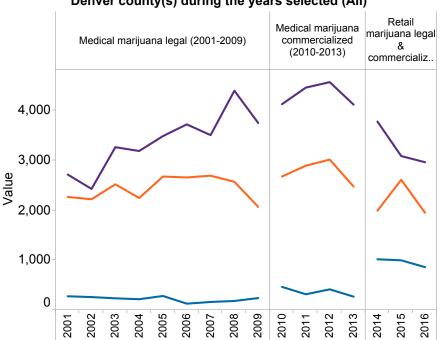
Characteristics of Patient Exposures **Patient Symptoms** 

Choose year(s) of call:

Choose counts or rates:

Rate per 100,000 calls

Rate per 100,000 calls related to alcohol, marijuana, and opioids from Denver county(s) during the years selected (All)



**Measure Names** Opioids Alcohol

Marijuana

Key findings

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Marijuana, Alcohol and Opioid Calls

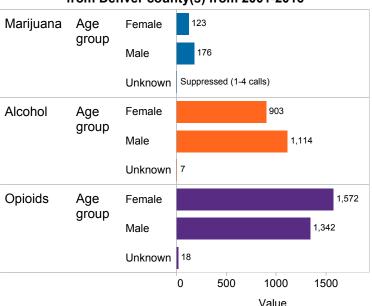
Call Volume over Time Call Volume by Patient Gender and Age Characteristics of Patient Exposures **Patient Symptoms** 

Choose age group or gender:

Choose counts or rates:

Gender Number of calls

# Number of calls related to alcohol, marijuana, and opioids from Denver county(s) from 2001-2016



### **Measure Names**

Marijuana

AlcoholOpioids

### **Key Findings**

In general males accounted for a higher proportion of marijuana and alcohol calls, while females accounted for a higher proportion of the opioid calls.

Individuals 6-19 and 20-39 years of age had the highest age group-specific rates of marijuana-related calls. Rates of alcohol and opioid exposure calls were highest among people in their 20s-50s.

**Reminder**: To protect patient privacy, data for four or fewer calls are not shown.

County(s) selected: Denver Trait selected: Age group Type of metric: Number of calls Source: Rocky Mountain Poison Center (2001-2016)









Marijuana, Alcohol and Opioid Calls

Call Volume over Time Call Volume by Patient Gender and Age Characteristics of Patient Exposures **Patient Symptoms** 

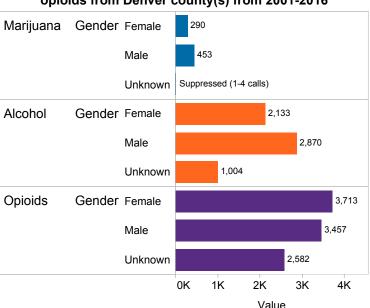
Choose age group or gender:

Gender

### Choose counts or rates:

Rate per 100,000 calls

# Rate per 100,000 calls related to alcohol, marijuana, and opioids from Denver county(s) from 2001-2016



### **Measure Names**

Marijuana

AlcoholOpioids

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**County(s) selected**: Denver **Trait selected**: Gender **Type of metric**: Rate per 100,000 calls **Source**: Rocky Mountain Poison Center (2001-2016)









Marijuana, Alcohol and Opioid Calls

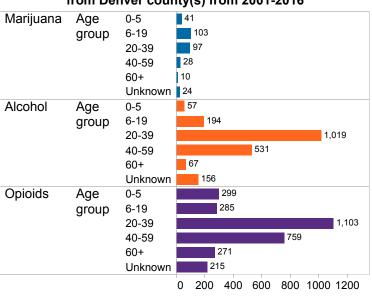
Call Volume over Time Call Volume by Patient Gender and Age Characteristics of Patient Exposures **Patient Symptoms** 

Choose age group or gender:

### Choose counts or rates:

Age group Number of calls

# Number of calls related to alcohol, marijuana, and opioids from Denver county(s) from 2001-2016



### **Measure Names**

Marijuana

AlcoholOpioids

### **Key Findings**

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County(s) selected: Denver Trait selected: Age group Type of metric: Number of calls Source: Rocky Mountain Poison Center (2001-2016)







Value



Marijuana, Alcohol and Opioid Calls

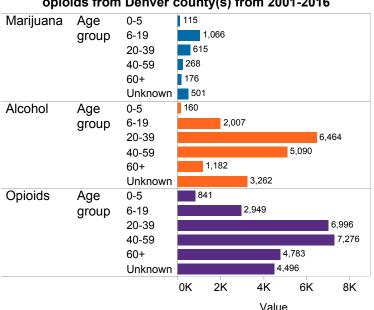
Call Volume over Time Call Volume by Patient Gender and Age Characteristics of Patient Exposures **Patient Symptoms** 

Choose age group or gender:

### Choose counts or rates:

Age group Rate per 100,000 calls

# Rate per 100,000 calls related to alcohol, marijuana, and opioids from Denver county(s) from 2001-2016



### **Measure Names**

Marijuana

AlcoholOpioids

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**County(s) selected**: Denver **Trait selected**: Age group **Type of metric**: Rate per 100,000 calls **Source**: Rocky Mountain Poison Center (2001-2016)









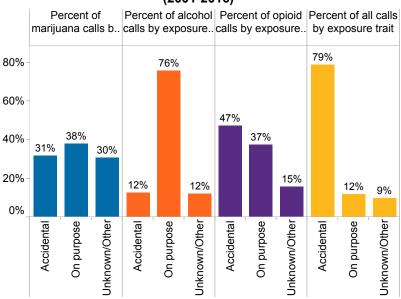
Call Volume over Time

Call Volume by Patient Gender and Age

Characteristics of Patient Exposures **Patient Symptoms** 

Choose exposure route (how) or intent (.. Choose the number of substances reporte.. Why exposed

### Percent of poison center calls with each exposure trait in Denver Key Findings county(s) where the number of substances reported was 1 (2001-2016)



County(s) selected: Denver Trait selected: How exposed Number of substances reported: 1 Source: Rocky Mountain Poison Center (2001-2016)

Ingestion is the most common route of exposure for calls related to marijuana, alcohol, opioids and all substances combined.

In general, most marijuana and alcohol calls were related to intentional exposures (i.e., were on purpose), while most opioid calls were related to unintentional exposures (i.e. were accidental). Calls involving two or more substances were more likely to involve intentional exposures than calls involving one substance.









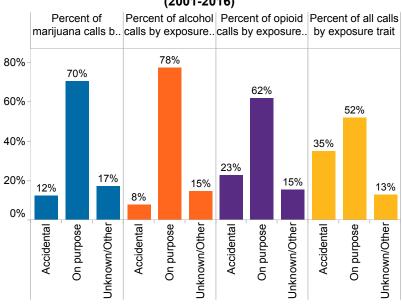
Call Volume over Time

Call Volume by Patient Gender and Age

Characteristics of Patient Exposures **Patient Symptoms** 

Choose exposure route (how) or intent (.. Choose the number of substances reporte.. Why exposed

### Percent of poison center calls with each exposure trait in Denver Key Findings county(s) where the number of substances reported was 2+ (2001-2016)



County(s) selected: Denver Trait selected: Why exposed Number of substances reported: 2+ Source: Rocky Mountain Poison Center (2001-2016)

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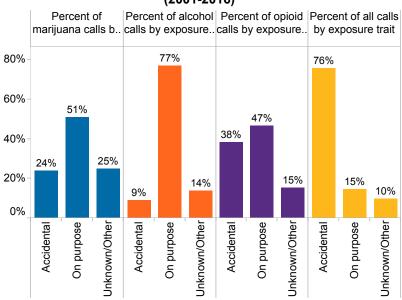
Call Volume over Time

Call Volume by Patient Gender and Age

Characteristics of Patient Exposures **Patient Symptoms** 

Choose exposure route (how) or intent (.. Choose the number of substances reporte.. Why exposed

### Percent of poison center calls with each exposure trait in Denver Key Findings county(s) where the number of substances reported was All (2001-2016)



County(s) selected: Denver Trait selected: Why exposed Number of substances reported: All Source: Rocky Mountain Poison Center (2001-2016)

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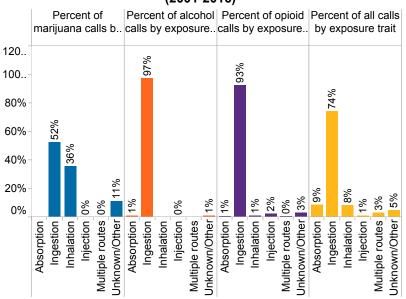
Call Volume over Time

Call Volume by Patient Gender and Age

Characteristics of Patient Exposures **Patient Symptoms** 

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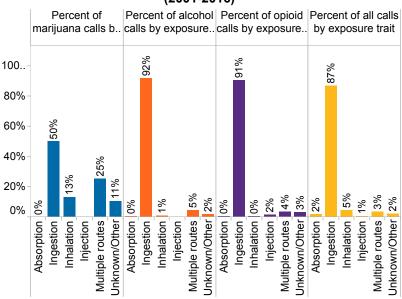
Call Volume over Time

Call Volume by Patient Gender and Age

Characteristics of Patient Exposures **Patient Symptoms** 

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Call Volume over Time

Call Volume by Patient Gender and Age

Characteristics of Patient Exposures **Patient Symptoms** 

Ingestion is the most

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most opioid calls were related to unintentional exposures (i.e. were

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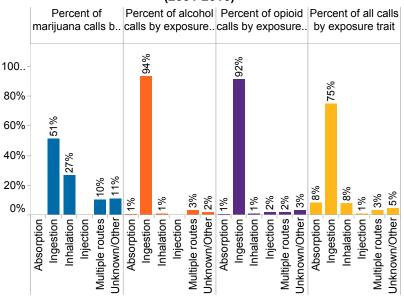
common route of exposure for calls related

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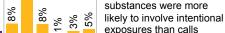
In general, most marijuana and alcohol calls were related to

Choose exposure route (how) or intent (.. Choose the number of substances reporte.. How exposed

### Percent of poison center calls with each exposure trait in Denver Key Findings county(s) where the number of substances reported was All (2001-2016)



County(s) selected: Denver Trait selected: How exposed Number of substances reported: All Source: Rocky Mountain Poison Center (2001-2016)



Reminder: To protect patient privacy, data for four or fewer calls are not shown.

involving one substance.









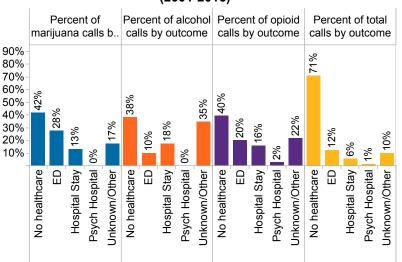
Call Volume over Time

Call Volume by Patient Gender and Age

Characteristics of Patient Exposures **Patient Symptoms** 

### Choose the level of level of care or sev.. Choose: # of substance types reported Level of care

## Percent of poison center calls with each outcome type in Denver Key Findings county(s) where the number of substances reported was 1 (2001-2016)



Poisoned individuals who go directly to the hospital without calling the poison center are not included in these data.

Among individuals who were reached for follow up, many calls resulted in no medical care. Calls involving one substance were generally associated with lower levels of care and lower severity than calls involving two or more substances.

County(s) selected: Denver Outcome selected: Level of care Number of substances reported: 1 Source: Rocky Mountain Poison Center (2001-2016)









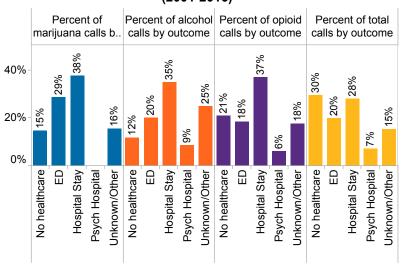
Call Volume over Time

Call Volume by Patient Gender and Age

Characteristics of Patient Exposures **Patient Symptoms** 

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Marijuana, Alcohol and Opioid Calls

Call Volume over Time

Call Volume by Patient Gender and Age

Characteristics of Patient Exposures **Patient Symptoms** 

### Choose the level of level of care or sev.. Choose: # of substance types reported Level of care

## Percent of poison center calls with each outcome type in Denver Key Findings county(s) where the number of substances reported was All (2001-2016)

### Percent of alcohol Percent of opioid Percent of Percent of total marijuana calls b... calls by outcome calls by outcome calls by outcome %89 80% 70% 60% 50% 33% 30% 28% 40% 20% 30% 17% 13% 20% %9 10% No healthcare No healthcare No healthcare Psych Hospital Psych Hospital No healthcare Hospital Stay Psych Hospital Hospital Stay Psych Hospital Unknown/Other Hospital Stay Unknown/Other Hospital Stay Unknown/Other Jnknown/Other

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County(s) selected: Denver Outcome selected: Level of care Number of substances reported: All Source: Rocky Mountain Poison Center (2001-2016)









Call Volume over Time

Call Volume by Patient Gender and Age

Characteristics of Patient Exposures **Patient Symptoms** 

Choose the level of level of care or sev.. Choose: # of substance types reported Severity

## Percent of poison center calls with each outcome type in Denver Key Findings county(s) where the number of substances reported was 1 (2001-2016)

### Percent of Percent of alcohol Percent of opioid Percent of total marijuana calls b... calls by outcome calls by outcome calls by outcome 60% 48% 45% 36% 32% 32% 40% 27% 27% 19% 16% 17% 20% %6 %9 3% % 0% Major effect/Death Major effect/Death Major effect/Death Minor effect Major effect/Death No effect Moderate effect No effect Minor effect Moderate effect No effect Moderate effect No effect Moderate effect Unknown/Other Minor effect Unknown/Other Unknown/Other Unknown/Other Minor effect

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County(s) selected: Denver Outcome selected: Severity Number of substances reported: 1 Source: Rocky Mountain Poison Center (2001-2016)









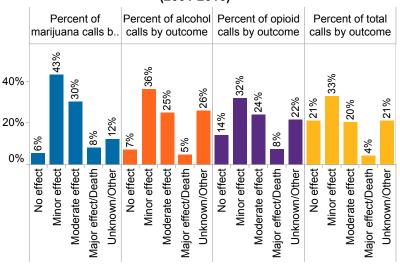
Call Volume over Time

Call Volume by Patient Gender and Age

Characteristics of Patient Exposures **Patient Symptoms** 

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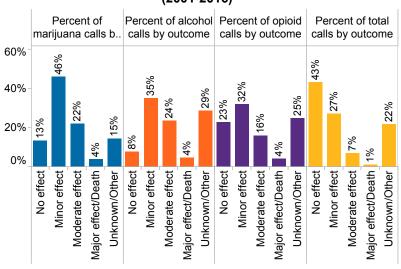
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## Percent of poison center calls with each outcome type in Denver Key Findings county(s) where the number of substances reported was All (2001-2016)



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